Abstract

A connector assembly for joining a graft vessel to a target vessel. The assembly includes a tubular connector member provided with tines at a distal end thereof, the tines extending inwardly of the connector member and then radially outwardly and then proximally at sharp ends thereof, the tines being adapted to engage end portions of the graft vessel and thereafter wall portions of the target vessel, a spreader portion comprising a tubular body slidably disposed in the tubular connector member and movable to engage the inwardly extending tines and force the tines into position substantially disposed in a hypothetical extension of walls of the connector member, and a seal portion slidably disposed around the connector member and provided with flanges for engagement with the target vessel in wall areas proximate the tines to clamp target vessel wall portions to the tines.